

The management information section is comprised of the following format:

Type – one of the four types listed above

Primary – a Boolean (True, False) value indicating if this is the primary management method for the device.

- 5 Command – command section containing the command format and static parameters (StaticParameters), and the discovered parameter names (Name).

Below is a sample Management Information section of the rules file:

10 <ManagementInformation>
 <Type>Telnet</Type>
 <Primary>True</Primary>
 <Command>
 <StaticParameters>%l</StaticParameters>
 <Name>Management Telnet Address</Name>
 15 </Command>
 </ManagementInformation>

- 20 The above management information section indicates that the type is Telnet, that this management information is the primary management information for the device, and the command format is one discovered parameter named “Management Telnet Address”.

Command Section

The command section contains a StaticParameters section and one or more Name sections.

The StaticParameters section contains the command (if there is one), the format of the command, and any static parameters, if any. The placement of Discovered parameters in the command format are represented by a “%” character with the characters immediately following the “%” indicating which number the parameter is in the list of discovered parameters that follow. This numbering starts from 1.

The discovered parameters are stored by the Name section – one Name section for each discovered parameter.

The command section in the above example shows no command, no static parameters, and the format indicates that there exists one discovered parameter. This is all shown by the %1. The one discovered parameter is contained in the Name section and is “Management Telnet Address”. Since telnet is a command supplied by the operating system, the type alone indicates what the command is and the Command section only needs to supply the command format, any static parameters, and any discovered parameters. This is also true of the URL and SNMP types. In fact, in some embodiments, only the Application type will have a command present in the StaticParameters field – an example of this is shown below:

<ManagementInformation>

<Type>Application</Type>

<Primary>False</Primary>

<Command>

5 <StaticParameters>managementApp -m %1 -p %2 -a %3</StaticParameters>

<Name>Model</Name>

<Name>Port</Name>

<Name>Management Address</Name>

</Command>

10 </ManagementInformation>

The example shows the type of management information is Application, and that this is not the primary management method, and the command includes the following:

15 Command and format – managementApp is the executable name and the format of the command is “managementApp – m Model –p Port – a Management Address.